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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Letters Patent of:

STERN et al.

Serial No.: 09/680,573

Filing Date: October 6, 2000

Patent No.: 6,592,223 B1

Grant Date: July 15, 2003

Title: SYSTEM AND METHOD FOR OPTIMAL VIEWING OF COMPUTER MONITORS TO MINIMIZE EYESTRAIN

TRANSMITTAL LETTER

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Sir:

Please furnish the undersigned with a Certificate of Correction for the above-identified patent. The correction is as follows:

In the claims:

14. A method of performing a color test on a user of a display, wherein the user is positioned in front of the display, comprising the steps of:

a) providing a display and a color test on the display;

b) providing a user-controlled input device and a central processing system, wherein the user controlled input device is capable of inputting information into the central processing system, and the central processing system is capable of receiving and analyzing input from the user-controlled input device;

~~b) allowing the imaging sensor to measure number of times the user blinks over a period of time; and~~

~~c) allowing the central processing system to receive and analyze input from the image sensor to determine blink rate over a period of time~~

c) allowing the user to perform the color test;

d) allowing the user to input a response into the central processing system; and

e) allowing the central processing system to analyze the response.

16. A method of monitoring ~~blilnking~~ blinking of a user of a display when the user is positioned in front of the display, comprising the steps of:

a) providing a display, an imaging sensor and a central processing system, wherein the imaging sensor is located in front of the user and is capable of inputting information to the central processing system, and the central processing system is capable of receiving and analyzing input from the imaging sensor;

b) allowing the imaging sensor to measure number of times the user blinks over a period of time;

c) allowing the central processing system to receive and analyze input from the image sensor to determine blink rate over a period of time.

18. The method of claim ~~17~~ 16, wherein the central processing system is accessible via internet.

21. The method of claim ~~20~~ 25, wherein the step of displaying the visual acuity test comprises displaying a symbol and requiring the user to progressively indicate a feature

in the symbol, while the feature in the symbol rotates and the symbol changes in size.

38. A system for monitoring use of a display by a user when the user is positioned in front of the display, comprising:
a) a display that is capable of ~~display~~ displaying information ~~from~~ inputted into or from central processing system;
b) at least one distance sensor that is capable of measuring viewing distance and inputting information into the central processing system;
c) at least one light sensor that is capable of detecting ambient light level and is capable of inputting information into the central processing system;
d) the central processing system that is capable of receiving and analyzing information received from the distance sensor and light sensor.

40. The system of claim 38, further comprising at least one sensor selected from the ~~sting~~ group consisting of a noise sensor, a temperature sensor, a humidity sensor and an imaging sensor, each being capable of inputting information into the central processing system.

41. The system of claim 38, wherein the system comprises 3 light sensors and the 3 light sensors are positioned to determine source of multidirectional light relative to the user.

45. The system of claim 38, wherein the system further comprises a mechanical apparatus and the mechanical apparatus provides for automatically moving the display to adjust for accommodative and visual changes of the user.

Remarks

Error in claims 14 and 40 above are Patent Office printing errors. Error in claims 16, 18, 21, 38, 41 and 45 are of a clerical or typographical nature, or of minor character.

A Certificate of Correction in duplicate is enclosed.

A check in the amount of $100 is enclosed to cover the fee under 37 C.F.R.§ 1.20(a).

The Commissioner is hereby authorized to charge any underpayment of the fees associated with this communication under 37 CFR § 1.20 or credit any overpayment to Deposit Account No. 18-1648.

Respectfully submitted,

Date: Feb 25, 2005

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